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# **DATASHEET**

MOTS-c (human)

#### **Product overview**

Name MOTS-c (human)

 Cat No
 HB4632

 Purity
 >95%

**Description** Promotes AICAR and downstream (AMPK) biosynthesis

## **Biological Data**

**Biological description** Mitochondria-derived peptide (MDP). Promotes biosynthesis of the endogenous AMP analog AICAR

and consequently AMP-activated protein kinase (AMPK). Induces cellular and systemic glucose uptake and improves insulin sensitivity. Shown to prevent diet-induced obesity (DIO) in mice. Potential

anti-obesity and anti-aging compound.

## **Solubility & Handling**

Storage instructions

Important

+4°C

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

### **Chemical Data**

Molecular Weight Chemical structure 2288.6

CAS Number InChiKey

**Appearance** 

1627580-64-6 JLKDYZLVBJDJTO-DNWXONKHSA-N

Solid lyophilized powder